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# The International Side Delivery Rake

Saves Time and Labor

Insures the Best Quality of  
Hay

Is Strong and Durable Yet  
Light in Draft

INTERNATIONAL HARVESTER COMPANY OF AMERICA

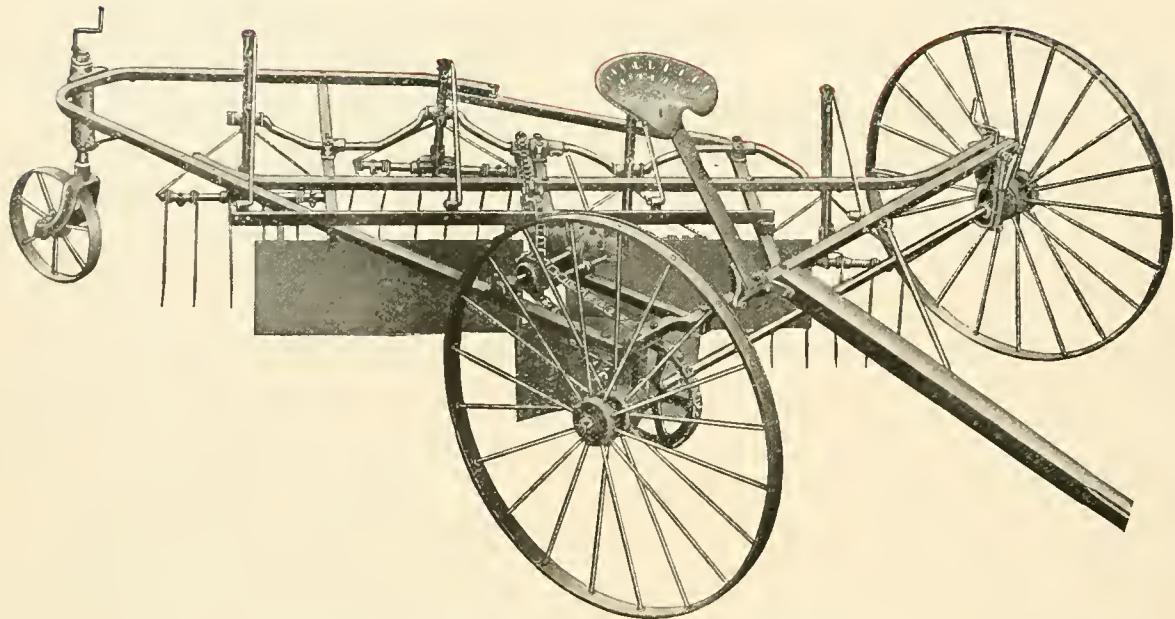
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CHICAGO

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# International Side Delivery Rake



Front view, showing drive chains, gears, crank shaft and relief springs

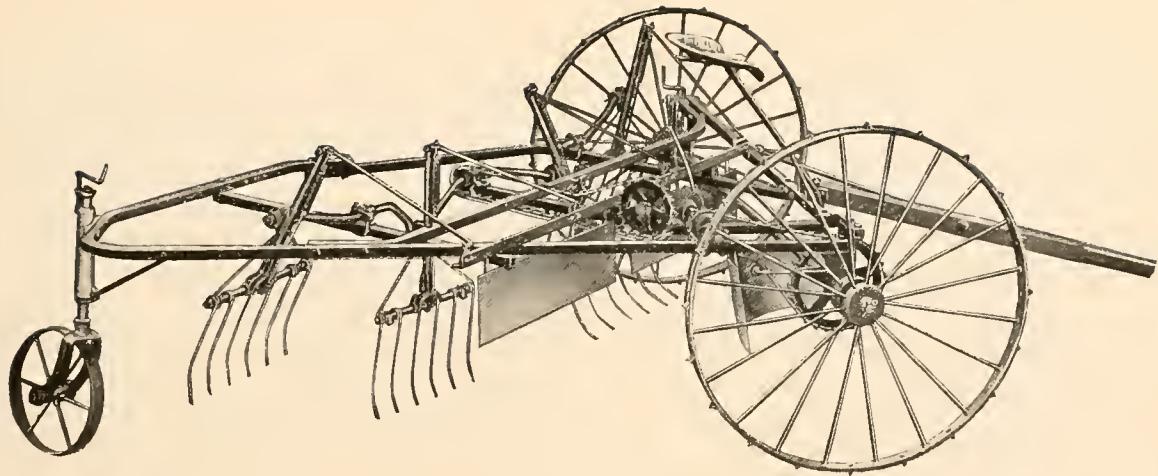
## Quality and Economy

The International side delivery rake rakes hay into light, fluffy windrows where it has the best opportunity to cure in such a way that its full nutritive value will be conserved. When raked in windrows with the International, the air circulates freely through the hay and it is air-cured, not sun-dried, as is the case when it is left to dry in the swath. Air-cured hay is bright, tender, and nutritious, whereas sun-dried hay is of poor color and low feeding value.

Any boy who is old enough to drive a team can rake hay with the International side-delivery rake as there is nothing to do except throw the machine in gear and drive around the field. There are no dumping devices which require considerable strength to operate. When the crop is light, several windrows can be thrown together and the time and work required for loading greatly reduced.

## Construction of the Main Frame

The main frame of the International side-delivery rake is substantially constructed of steel and is mounted on steel wheels. It is well braced to withstand the twists and strains to which it will be subjected in rough fields and in raking the heaviest hay.



## The Raking Forks Handle the Hay Without Threshing

Instead of a cylinder, a series of steel forks is used for raking. These forks are four in number, have six tines each, and are operated by a crank shaft driven from the axle by chains. The power on this crank shaft is applied in the center and consequently the load is evenly distributed. This reduces the draft on the team, and the strain on the operating mechanism.

The revolutions of the crank produce the rotary motion of the raking forks, which pushes the hay to one side into light, fluffy windrows. The forks move just fast enough to do thorough work without threshing the blossoms and leaves off the hay and without roping the hay even though it is wet.

The forks are of high grade steel and of the coil type. They are each controlled by a coiled steel relief spring which allows them to spring back in passing over an obstruction so that they are not damaged.

The operating mechanism is all placed high from the ground so there is no danger of its becoming wrapped with hay. It is also provided with shields, which makes it impossible for hay to be caught in the gears or chains.

## Windbreaks

Two steel windbreaks are hinged to the main frame and swing in front of the raking forks. These windbreaks prevent the hay from being blown back against the forks, in case it is being raked against a strong wind.

## Castor Wheels

A castor wheel at the rear assists in carrying the weight of the rake and keeps it running level. This castor wheel has up and down adjustments which permit the height of the forks to be regulated to all conditions of ground and hay. A special advantage of this rake is that it has an adjusting device next to the left hand front wheel, by means of which the forks can at all times be kept parallel to the ground.





Sold by  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA**  
(Incorporated)  
CHICAGO U S A

For further information write International Harvester Company of America  
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